

<b>THE MRD GROUP</b> <b>Last Revision:</b> <b>March 26, 2018</b>	<b>Hill Farms Redevelopment Project</b> <b>State Office Building</b> <b>Madison, WI</b>
<b>Document Title:</b> <b>Dust Control Techniques</b>	

## Hill Farms State Office Buildings A & B Demolition

### Dust Control Techniques

The MRD Group will be utilizing dust control methods during the demolition of the Hill Farms State Buildings A& B, not only to minimize nuisance, but also to protect the health of workers, the general public, adjacent residences and adjacent office building tenants, and protect the environment.

MRD will utilize controls to comply with OSHA Respirable Silica Standard 29 CFR 1926.1153, as well as WDNR Technical Standard 1068 "Dust Control on Construction Sites."

To minimize tracking, MRD will be using a "MobyDick" modular wheel wash system for trucks, prior to their exiting from the demolition zone. Flocculants will be added to water to capture dirt and solids (see attached product description).

There are three hydrants at the Site that will be used to provide water for all activities at the Site.

During demolition, a telehandler boom lift with a specially designed jig will provide misting water by 1.5 inch hoses, lifted up to 40 ft. above ground to provide dust suppression. In addition, MRD will use an atomized misting system, as recommended by OSHA and similar to a "Dust Boss", which will provide misted water via high pressure nozzles and fan to provide dust suppression.

Road sweeping will be performed on a regular basis, as will maintenance of truck washing pads and runoff filtering devices (tube socks, etc.).

MRD will perform demolition during rain events as much as practical, ceasing operations according to regulations when lightning is present.

MRD believes these measures will be sufficient to minimize dust releases during demolition. As a back up, MRD will use additional water cannons, or rent a water truck in the event such measures are needed.